WHAT IS CLAIMED IS:

1. A sheet processing apparatus for processing sheets on which images have been formed by an image forming apparatus, comprising:

a sheet accepting unit that accepts sheets from the image forming apparatus;

a cutting unit that cuts the sheets accepted by the sheet accepting unit with a blade that is moved parallel with sheet surfaces; and

a recognizing unit that recognizes information relating to the sheets to be cut by the cutting unit,

wherein the cutting unit determines a condition of cutting of the sheets on the basis of the information relating the sheets that has been recognized by the recognizing unit.

2. The sheet processing apparatus according to claim 1, wherein the cutting condition that is determined by the cutting unit is a movement condition of the blade that is moved parallel with the sheet surfaces.

3. The sheet processing apparatus according to claim 2, wherein the movement condition is a moving speed of the blade that is moved parallel with the sheet surfaces.

4. The sheet processing apparatus according to claim 2, wherein the movement condition is a movement range of the blade that is moved parallel with the sheet surfaces.

5. The sheet processing apparatus according to claim 4,

wherein the movement range is determined by a movement start position and/or a movement stop position of the blade that is moved parallel with the sheet surfaces.

6. The sheet processing apparatus according to claim 1, wherein the recognizing unit recognizes the number and/or a kind of sheets to be cut in the form of a sheaf.

7. The sheet processing apparatus according to claim 1, wherein the recognizing unit recognizes a registration method of the sheets on which the images have been formed by the image forming apparatus.

8. A sheet processing apparatus for processing sheets on which images have been formed by an image forming apparatus, comprising:

a sheet accepting unit that accepts sheets that are output from the image forming apparatus;

a sheaf-of-sheets forming unit that forms a sheaf of sheets by aligning the plural sheets accepted by the sheet accepting unit; and

a cutting unit that cuts the sheaf of sheets formed by the sheaf-of-sheets forming unit,

wherein the cutting unit cuts the sheaf of sheets under a cutting condition that is determined on the basis of a power state of the sheet processing apparatus and/or the image forming apparatus.

9. The sheet processing apparatus according to claim 8,

wherein the cutting unit comprises a circular blade that is moved parallel with sheet surfaces while being rotated and a fixed blade that is opposed to the circular blade and has a blade edge extending parallel with the sheet surfaces, and wherein the cutting unit determines a movement condition of the circular blade on the basis of the power state.

10. The sheet processing apparatus according to claim 8, wherein the cutting unit sets a cutting speed lower when a sufficient amount of power is not available than when a sufficient amount of power is available.

11. A sheet processing apparatus for processing sheets on which images have been formed by an image forming apparatus, comprising:

a sheet accepting unit that accepts sheets that are output from the image forming apparatus;

a sheaf-of-sheets forming unit that forms a sheaf of sheets by aligning the plural sheets accepted by the sheet accepting unit;

a cutting unit that cuts the sheaf of sheets formed by the sheaf-of-sheets forming unit; and

a recognizing unit that recognizes a request from a user that relates to cutting quality of the cutting unit,

wherein the cutting unit sets a low operation speed for cutting when the recognizing unit recognizes occurrence of a quality priority request.

12. The sheet processing apparatus according to claim 11, wherein the recognizing unit recognizes, as a request, an instruction that is input by the user through an operating panel.

13. A sheet processing apparatus for processing sheets on which images have been formed by an image forming apparatus, comprising:

a sheet accepting unit that accepts sheets that are output from the image forming apparatus;

a sheaf-of-sheets forming unit that forms a sheaf of sheets by aligning the plural sheets accepted by the sheet accepting unit; and

a cutting unit that cuts the sheaf of sheets formed by the sheaf-of-sheets forming unit,

wherein the cutting unit reciprocates a blade from a prescribed position in such a manner as to cut the sheaf of sheets by a go-movement and to return the blade to the prescribed position by a return movement, and waits for input of a next sheaf of sheets, and wherein the cutting unit sets different moving speeds of the blade for the go-movement and the return movement.

14. The sheet processing apparatus according to claim 13, wherein the cutting unit comprises a circular blade that is moved parallel with sheet surfaces while being rotated, and sets a moving speed of the circular blade for the go-movement lower than that for the return-movement.

15. A sheet processing apparatus comprising:

a sheet inlet;

a compilation tray that accommodates, in a flushed manner, the plural sheets that are input through the sheet inlet; and

a cutter unit that cuts a saddle-stitched sheaf of sheets that is accommodated in the compilation tray by moving a blade in a direction perpendicular to a sheet transport direction on a sheet transport path from one end in the direction perpendicular to the sheet transport direction in such a manner as to cut different sheaves of sheets by a go-movement and a return-movement of the blade.

16. The sheet processing apparatus according to claim 15, wherein the cutter unit comprises a circular blade that is moved in a horizontal direction and a fixed blade that is opposed to the circular blade and extending in the horizontal direction, and wherein the cutter unit cuts a saddle-stitched sheaf of sheets by moving the circular blade parallel with the fixed blade while rotating the circular blade in such a manner as to cut one sheaf of sheets by a go-movement of the circular blade, wait for input of a next sheaf of sheets with the circular blade located at an end position, and cut the next sheaf of sheets by starting a return-movement of the circular blade after completion of input of the next sheaf of sheets.

17. A sheet processing apparatus which binds the plural sheets that are output from an image forming apparatus and performs a cutting operation on a resulting sheaf of sheets using

a prescribed cutter, comprising:

a moving speed determining unit that determines a moving speed of the cutter; and

a processing time calculating unit that calculates a processing time of the cutting operation on the basis of the moving speed determined by the moving speed determining unit.

18. The sheet processing apparatus according to claim 17, wherein the moving speed determining unit determines a moving speed on the basis of a power state of the sheet processing apparatus and/or the image forming apparatus.

19. The sheet processing apparatus according to claim 17, wherein the moving speed determining unit determines a moving speed on the basis of information relating to the sheaf of sheets to be cut.

20. The sheet processing apparatus according to claim 17, further comprising movement position determining unit for determining a movement start position and/or a movement stop position of the cutter, wherein the processing time calculating unit calculates a processing time on the basis of the movement start position and/or the movement stop position determined by the moving position determining unit.

21. The sheet processing apparatus according to claim 17, further comprising output unit for outputting the processing time calculated by the processing time calculating unit to the image forming apparatus.

22. The sheet processing apparatus according to claim 17, further comprising operating panel control unit for causing an operating panel to output a prescribed message on the basis of the processing time calculated by the processing time calculating unit.